UTTLE SERVICE (08/00) Please type a plus sign (+) inside this box -

Approved for use through 10/31/2002. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attome	y Docket No.	252011-2150						
First In	ventor	Wu et al.						
Title	Interconnect Struct Fabrication Method	ure with Dielectric Barrier and I Thereof	. РТО 86					
Evnns	s Mail I ahel No	EV/42000700ELIC	<u></u>					

(Only for new nonprovisional application)	Express Mail Label No.			EV438687	D					
APPLICATIO See MPEP Chapter 600 concerni	tents		ESS TO	P.O. E Comm Alexa	Stop Patent App Box 1450 nissioner for Pa ndria, VA 2231	atents 3-1450	10/8			
APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee)										
1. X Fee Transmittal Form (e (Submit an original, and a de		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
2. Applicant claims small e		8.	 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 							
3. X Specification (preferred arrangement s		26	J	а.	Compute	er Readable C	Copy (CRF)			
- Descriptive title o - Cross Reference - Statement Regar			b. Spe	ecification Seque	nce Listing on	1:				
	uence listing, a table, or a n listing appendix e Invention			i. CD-ROM or CD-R (2); or		
- Brief Summary of					ii. Paper					
- Detailed Descript				c. Statements verifying identity of at						
- Claim(s) - Abstract of the Di	sclosure									
4. X Drawing(s) (35 USC 113	3)	4	9. [] 10. [37	ignment Papers CFR 3.73(b) Stat	tement	Pow	er of		
5. Oath or Declaration	Total Pages	2	, 10. [, 11. [-	en there is an as alish Translation		Attor	ney		
a. X Newly Executed			12.	Info	rmation Disclosutement (IDS)/PT	ıre [Copi	ies of IDS tions		
b. Copy from a prio		13.	Pre	liminary Amendr	ment					
			14.			rn Receipt Postcard (MPEP 503) ould be specifically itemized)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor			15.		tified Copy of Pri oreign priority is		nt(s)			
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				122	Request and Certification under 35 U.S.C. 122(b)(2)(B)(I). Applicant must attach form PTO/SB/35 or its equivalent.					
6. Application Data Sheet.	6. Application Data Sheet. See 37 CFR 1.76				er:	•				
Assignee Name and Address										
(if applicable) 18. If a CONTINUING APPLICA	FION, check appropriate be	ox and suppl	ly the req	uisite infor	mation below	and in a pre	liminary ame	endment,		
or in an Application Data Sheet u	nder 37 CFR 1.76:									
Continuation Prior application informa	tion: Examiner	Continuation	•	, ,	Group / A	application I <i>rt Unit:</i>		•		
For CONTINUATION OR DIVISIONAL APP disclosure of the accompanying continuation inadvertently omitted from the submitted app	S only: the entire disclosure of the n or divisional application and is h	prior application nereby incorpora	n, from whic ited by refer	h an oath or o rence. This i	declaration is suppl ncorporation can o	lied under Box s only be relied u	5b, is considere pon when a por	d a part of the rtion has been		
	18. CORF	RESPONDI	ENCE A	DDRESS						
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CITY Atlanta STATE Georg					Z	IP CODE	30339-59			
COUNTRY U.S.A.	TELEPHONE	770-933	-9500			FAX	770-951-0	933		
Name (Print/Type) Daniel R. McClure Registration No. (Attorney/Agent) 38,962										
Signature	Doul 11	B	9	1		Date	3-26	-04		

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revisions.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (s) 1274.00

Complete If Known				
Application Number	Unassigned			
Filing Date	March 26, 2004			
First Named Inventor	Wu et al.			
Examiner Name	Unassigned			
Group / Art Unit	Unassigned			
Attorney Docket No.	252011-2150			

Date

METHOD OF PAYMENT (check all that apply)				FEES CALCULATION (continued)				
☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None ☐ 3. ADDITIONAL FEES								
Deposit		Order	Fee	Entity Fee	Small E	ntity Fee	Fee Description	Fee Paid
Account			Code 1051	(\$) 130	Code	(\$)	·	ree Faiu
]		2051	65	Surcharge-late filing fee or oath	
Deposit Account Number			1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
Number		20-0778	1053	130	1053	130	Non-English specification	
Deposit Account			1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Name	Thomas, H	Kayden, Horstemeyer Risley, L.L.P.	1804	920*	1804	920*	Requesting publication of	
The Commissio	1	zed to: (check all that apply)	1805	1,840*	1805	1,840*	SIR prior to Examiner action Requesting publication of	
	indicated below		1251	110	2251		SIR after Examiner action	
		during the pendency of this application		Δ		55	month	
Charge fee(s) indicated below, except for the filing fee to the above-			1252	420	2252	210	Extension for reply within second month	
identified dep	osit account		1253	950	2253	475	Extension for reply within	
1. BASIC FILIN		CALCULATION	1254	1,480	2254	740	third month Extension for reply within	
Large Entity	Small Entity		1255	2,010	2255	1,005	fourth month Extension for reply within fifth	
Fee Fee	Fee Fe		l l			·	month	
Code (\$)	Code (\$		1401 1402	330	2401	165	Notice of Appeal	
1001 770	2001 38	, , , , , , , , , , , , , , , , , , , ,		330	2402	165	Filing a brief in support of an appeal	
1002 340	2002 17	70 Design Filing Fee	1403	290	2403	145	Request for oral hearing	
1003 530	2003 26	55 Plant Filing Fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1004 770	2004 38	35 Reissue Filing Fee	1452	110	2452	55	Petition to revive-	
1005 160	2005 8	0 Provisional Filing Fee	1453	1,330	2453	655	unavoidable Petition to revive-	
'		SUBTOTAL (1) (\$)770	1501	1,330	2501	665	unintentional Utility issue fee (or reissue)	
2. EXTRA CLAI	M FEES FOR	UTILITY AND REISSUE	1502	480	2502	240	Design issue fee	
		Extra Fee Fee	1503	640	2503	320	Plant issue fee	
		Claims From Paid Below	1460	130	1460	130	Petitions to the	
Total Claims	41 - 20**=		1807	50	1807	50	Commissioner Processing fee for	
Independent Claims	- 3** =	1 X 86.00 = 86					provisional application	
Multiple	0	290.00 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent			8021	40	8021	40	Recording each patent	40
Large Entity	Small Entity						assignment per property (times number of properties)	
Fee Fee Code (\$)	Fee Fe		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
Code (\$) 1202 18	Code (\$ 2202 9	Claims in excess of 20	1810	770	2810	385	For each add, invention to be	
1201 86	2201 43	3 Independent claims in excess of 3	1801	770	2801	385	examined (37 CFR 1.129(b)) Request for Continued	<u> </u>
1203 290	2203 14	,	1802	900			Examination (RCE)	
1204 86	2204 43		1002	900	1802	900	Request for expedited exam. of a design application]]
1205 18	2205 9		Other	fee (specify	Λ		5	
and over original <u>patent</u> SUBTOTAL (2) (\$)464				,00 (0,00)	,		SUBTOTAL (3) (\$) 4	0
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**or number previously paid, if greater; For Reissues, see					·	. 5		
above **Reduced by					C Filing Fe	e Paid		
SUBMITTED BY							Complete (if applicabl	e)
Typed or Printed Name	。 Danie	el R. McClure	Re	gistration No.	. 38,962		Telephone 770-9	33-9500

In re: Wu

For: Interconnect Structure with Dielectric Barrier

AND FABRICATION METHOD THEREOF

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
14 Pages of Specification
11 Pages of Claims (Claims 1-41)
1 Page of Abstract
4 Pages of Formal Drawings (Figs. 1A-2D)
Credit Card Authorization Form (Amount: \$1274.00)
Declaration (executed)
Assignment/Recordation Form Cover Sheet

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Daniel R. McClure; Reg. No. 38,962

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

Atlanta, Georgia 30339-5948

Our Docket No: 252011-2150

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # EV438687085US.

Date: March 26, 2004

Hui Chin Barnhill